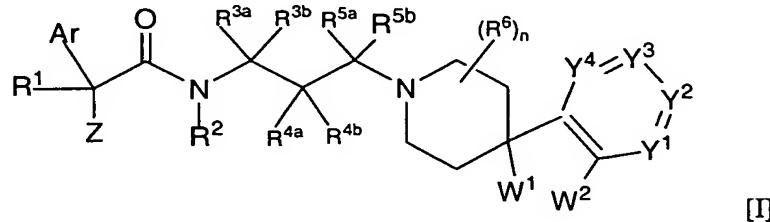


## ABSTRACT

The invention provides melanin-concentrating hormone receptor antagonists containing as the active ingredient piperidine derivatives represented by the general formula [I]:



5

[wherein R<sup>1</sup> is hydrogen, hydroxyl, lower alkyl, or the like; R<sup>2</sup>, R<sup>3a</sup>, R<sup>3b</sup>, R<sup>4a</sup>, R<sup>4b</sup>, R<sup>5a</sup>, R<sup>5b</sup> and R<sup>6</sup> each stands for hydrogen, halogen, or the like; W<sup>1</sup> and W<sup>2</sup> each independently stands for -O-, -CH<sub>2</sub>-, or the like; Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> stand for -CH-, -CF-, -N-, or the like; Z stands for lower alkyl, an aliphatic heterocyclic group, or the like; Ar is a mono- or bi-cyclic aliphatic heterocycle or an aromatic heterocycle; and n is an integer of 1 to 8]. The compounds act as antagonist against melanin-concentrating hormone receptor and are useful as drugs for central diseases, circulatory diseases, or metabolic diseases.